L Number	Hits	Search Text	DB	Time stamp
1	89554	((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or pigment or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or chalk or silicon near dioxide or talc or titanium near dioxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 10:41
2	89364	((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or pigment or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide or talc or titanium near dioxide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 10:41
3	0	(((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or pigment or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide or talc or titanium near dioxide)) not (((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or pigment or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or chalk or silicon near dioxide or talc or titanium near dioxide))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 10:41
4	190	(((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or pigment or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or chalk or silicon near dioxida or tale or titanium near dioxida or tale or titanium near dioxida).	USPAT; US-PGPUB; EPO; JPO;	2004/05/06 11:59
		dioxide or talc or titanium near dioxide)) not (((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or pigment or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide or talc or titanium near dioxide))	DERWENT	
5	19	allyl near alcohol same sulfamic near acid	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 12:00
6	0	allyl near alcohol same sulfamic near acid and (ethoxylation or propoxylation)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 12:00
7	12	allyl near alcohol same sulfamic near acid and (ethylene or propylene) near oxide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 12:04
8	1	allyl near alcohol same sulfamic near acid and (ethylene or propylene) near oxide and cement	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 12:02
9	1549	apes\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 12:05
10	20	apes near ("10" or "20" or "50")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 12:37
11	4	"6641754"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 12:57
12	0	"6641754" and abstract	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 12:56
13	3	"6641754" and method	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 13:04
14	4	"6641754" and polymer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/06 13:05

-	67293	((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or pigment or inorganic near oxide)	USPAT; US-PGPUB; EPO; JPO;	2004/05/03 13:21
			DERWENT	
-	507	((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 13:35
		dispersant) same (mineral or filler or pigment or inorganic near oxide)	US-PGPUB;	
		and (polymer or copolymer) same (acrylic or methacrylic) near acid and	EPO; JPO;	
		((ethylene or propylene or butylene) near glycol near (acrylate or methacrylate) or (ethylene or propylene or butylene) near oxide near	DERWENT	
		(acrylate or methacrylate))		
	943	((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 13:33
		dispersant) same (mineral or filler or pigment or inorganic near oxide)	US-PGPUB;	2001/05/05 10:05
		and (polymer or copolymer) same (acrylic or methacrylic) near acid and	EPO; JPO;	
		((\$4ethylene or \$4propylene or \$4butylene) near glycol near (acrylate or	DERWENT	
		methacrylate) or (\$4ethylene or \$4propylene or \$4butylene) near oxide		
	10/0	near (acrylate or methacrylate))	, , , , , , , , , , , , , , , , , , ,	2004/05/02 12 00
-	1968	((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT; US-PGPUB;	2004/05/03 13:09
		dispersant) same (mineral or filler or pigment or inorganic near oxide) and (polymer or copolymer) same (acrylic or methacrylic) near acid and	EPO; JPO;	
		((\$4ethylene or \$4propylene or \$4butylene) near glycol near (acrylate or	DERWENT	
		methacrylate or urethane or allyl or maleate) or (\$4ethylene or	22111211	
		\$4propylene or \$4butylene) near oxide same (acrylate or methacrylate or		
		urethane or allyl or maleate))		
-	194	aqueous near suspension near mineral	USPAT;	2004/05/03 13:10
			US-PGPUB;	
			EPO; JPO;	
_	1811	aqueous near suspension same mineral	DERWENT USPAT;	2004/05/03 13:10
	1011	aqueous near suspension same inineral	US-PGPUB;	2004/03/03 13.10
			EPO; JPO;	
			DERWENT	
-	19	(((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 13:20
	-	dispersant) same (mineral or filler or pigment or inorganic near oxide)	US-PGPUB;	
		and (polymer or copolymer) same (acrylic or methacrylic) near acid and	EPO; JPO;	
		((\$4ethylene or \$4propylene or \$4butylene) near glycol near (acrylate or methacrylate or urethane or allyl or maleate) or (\$4ethylene or	DERWENT	
		\$4propylene or \$4butylene) near oxide same (acrylate or methacrylate or		
		urethane or allyl or maleate))) and (aqueous near suspension same		
		mineral)		
-	70	jean near marc near suau.in. or christian near jacquement.in. or jacques	USPAT;	2004/05/03 13:21
		near mongoin.in.	US-PGPUB;	
			EPO; JPO;	
	21	((diaparaing or arinding or willing or amaking acceptains)	DERWENT	2004/05/02 12:02
-	31	((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or pigment or inorganic near oxide)	USPAT; US-PGPUB;	2004/05/03 13:22
		and (jean near marc near suau.in. or christian near jacquement.in. or	EPO; JPO;	
		jacques near mongoin.in.)	DERWENT	
-	89230	((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 13:39
		dispersant) same (mineral or filler or pigment or inorganic near oxide or	US-PGPUB;	
		calcium near carbonate or (caco3) or lime or silica or silicon near dioxide	EPO; JPO;	
	20/1	or talc or titanium near dioxide)	DERWENT	2004/05/02 12 23
_	2861	(polymer or copolymer) same (acrylic or methacrylic) near acid and ((ethylene or propylene or butylene) near glycol near (acrylate or	USPAT; US-PGPUB;	2004/05/03 13:36
		methacrylate) or (ethylene or propylene or butylene) near oxide near	EPO; JPO;	
		(acrylate or methacrylate))	DERWENT	
-	576	(((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 13:36
		dispersant) same (mineral or filler or pigment or inorganic near oxide or	US-PGPUB;	
		calcium near carbonate or (caco3) or lime or silica or silicon near dioxide	EPO; JPO;	
		or talc or titanium near dioxide)) and ((polymer or copolymer) same	DERWENT	
		(acrylic or methacrylic) near acid and ((ethylene or propylene or butylene) near glycol near (acrylate or methacrylate) or (ethylene or		
		propylene or butylene) near oxide near (acrylate or methacrylate)))		
		propried or outroller hear office fear (acrytate or memacrytate)))		L

_	563	((((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 13:37
	303	dispersant) same (mineral or filler or pigment or inorganic near oxide or	US-PGPUB;	2001/05/05 15.57
		calcium near carbonate or (caco3) or lime or silica or silicon near dioxide	EPO; JPO;	·
•		or talc or titanium near dioxide)) and ((polymer or copolymer) same	DERWENT	-
		(acrylic or methacrylic) near acid and ((ethylene or propylene or		
		butylene) near glycol near (acrylate or methacrylate) or (ethylene or		•
		propylene or butylene) near oxide near (acrylate or methacrylate)))) not		
		(jean near marc near suau.in. or christian near jacquement.in. or jacques		
	1/22500	near mongoin.in.)	LICDAT.	2004/05/02 12:20
-	1633580	drilling near fluid or paper or petroleum or cement or concrete	USPAT; US-PGPUB;	2004/05/03 13:39
			EPO; JPO;	
			DERWENT	
-	396	(drilling near fluid or paper or petroleum or cement or concrete) and	USPAT;	2004/05/03 13:39
		(((((dispersing or grinding or milling or crushing near (aid or agent)) or	US-PGPUB;	
		dispersant) same (mineral or filler or pigment or inorganic near oxide or	EPO; JPO;	
		calcium near carbonate or (caco3) or lime or silica or silicon near dioxide	DERWENT	
		or talc or titanium near dioxide)) and ((polymer or copolymer) same		
		(acrylic or methacrylic) near acid and ((ethylene or propylene or		
		butylene) near glycol near (acrylate or methacrylate) or (ethylene or		
		propylene or butylene) near oxide near (acrylate or methacrylate)))) not		
		(jean near marc near suau.in. or christian near jacquement.in. or jacques		
_	29684	near mongoin.in.)) ((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 13:40
-	27004	dispersant) same (mineral or filler or pigment or inorganic near oxide or	US-PGPUB;	2004/05/05 15.40
		calcium near carbonate or (caco3) or lime or silica or silicon near dioxide	EPO; JPO;	
		or tale or titanium near dioxide).ab.	DERWENT	
-	47	(((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 13:40
		dispersant) same (mineral or filler or pigment or inorganic near oxide or	US-PGPUB;	
·		calcium near carbonate or (caco3) or lime or silica or silicon near dioxide	EPO; JPO;	
		or tale or titanium near dioxide).ab.) and ((((dispersing or grinding or	DERWENT	
		milling or crushing near (aid or agent)) or dispersant) same (mineral or		
		filler or pigment or inorganic near oxide or calcium near carbonate or		
		(caco3) or lime or silica or silicon near dioxide or talc or titanium near		
		dioxide)) and ((polymer or copolymer) same (acrylic or methacrylic) near acid and ((ethylene or propylene or butylene) near glycol near (acrylate or		
		methacrylate) or (ethylene or propylene or butylene) near oxide near		
		(acrylate or methacrylate)))) not (jean near marc near suau.in. or christian		
		near jacquement.in. or jacques near mongoin.in.))		A A
-	3687	(acrylic or methacrylic) near acid same (\$4alkylene or \$4ethylene or	USPAT;	2004/05/03 15:00
		\$4propylene or \$\$butylene) near (glycol or oxide) near (acrylate or	US-PGPUB;	
	1	methacrylate)	EPO; JPO;	
			DERWENT	
-	89230	((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 14:03
		dispersant) same (mineral or filler or pigment or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide	US-PGPUB; EPO; JPO;	
		or tale or titanium near dioxide)	DERWENT	
_	671	((acrylic or methacrylic) near acid same (\$4alkylene or \$4ethylene or	USPAT;	2004/05/03 13:53
		\$4propylene or \$\$butylene) near (glycol or oxide) near (acrylate or	US-PGPUB;	
		methacrylate)) and (((dispersing or grinding or milling or crushing near	EPO; JPO;	
	100	(aid or agent)) or dispersant) same (mineral or filler or pigment or	DERWENT	
		inorganic near oxide or calcium near carbonate or (caco3) or lime or		
		silica or silicon near dioxide or talc or titanium near dioxide))		
-	4893	((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 13:54
		dispersant) same (mineral or filler or pigment or inorganic near oxide or	US-PGPUB;	
		calcium near carbonate or (caco3) or lime or silica or silicon near dioxide	EPO; JPO;	
_	88	or talc or titanium near dioxide).clm. (((dispersing or grinding or milling or crushing near (aid or agent)) or	DERWENT USPAT;	2004/05/03 13:54
_	00	dispersant) same (mineral or filler or pigment or inorganic near oxide or	US-PGPUB;	2004/03/03 13.34
		calcium near carbonate or (caco3) or lime or silica or silicon near dioxide	EPO; JPO;	
		or talc or titanium near dioxide).clm.) and ((acrylic or methacrylic) near	DERWENT	
		acid same (\$4alkylene or \$4ethylene or \$4propylene or \$\$butylene) near		
		(glycol or oxide) near (acrylate or methacrylate))		

-	63013	((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 14:57
-		dispersant) same (mineral or filler or inorganic near oxide or calcium near	US-PGPUB;	
		carbonate or (caco3) or lime or silica or silicon near dioxide or talc or	EPO; JPO;	
İ		titanium near dioxide)	DERWENT	
-	436	((acrylic or methacrylic) near acid same (\$4alkylene or \$4ethylene or	USPAT;	2004/05/03 14:04
		\$4propylene or \$\$butylene) near (glycol or oxide) near (acrylate or	US-PGPUB;	
		methacrylate)) and (((dispersing or grinding or milling or crushing near	EPO; JPO;	
		(aid or agent)) or dispersant) same (mineral or filler or inorganic near	DERWENT	
		oxide or calcium near carbonate or (caco3) or lime or silica or silicon		
		near dioxide or talc or titanium near dioxide))		
-	414	(((acrylic or methacrylic) near acid same (\$4alkylene or \$4ethylene or	USPAT;	2004/05/03 14:04
		\$4propylene or \$\$butylene) near (glycol or oxide) near (acrylate or	US-PGPUB;	
		methacrylate)) and (((dispersing or grinding or milling or crushing near	EPO; JPO;	
		(aid or agent)) or dispersant) same (mineral or filler or inorganic near	DERWENT	
		oxide or calcium near carbonate or (caco3) or lime or silica or silicon		
		near dioxide or talc or titanium near dioxide))) not coatex		
-	7609	((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 15:10
		dispersant) same (mineral or filler or inorganic near oxide or calcium near	US-PGPUB;	
		carbonate or (caco3) or lime or silica or silicon near dioxide or talc or	EPO; JPO;	
	170	titanium near dioxide) and paper same (coat\$3 or siz\$4)	DERWENT	
-	179	(((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 15:00
		dispersant) same (mineral or filler or inorganic near oxide or calcium near	US-PGPUB;	
		carbonate or (caco3) or lime or silica or silicon near dioxide or talc or	EPO; JPO;	
		titanium near dioxide) and paper same (coat\$3 or siz\$4)) and ((acrylic or	DERWENT	
		methacrylic) near acid same (\$4alkylene or \$4ethylene or \$4propylene or \$\$\text{\$\subset\$} \text{\$\subset\$}		
	12	\$\$butylene) near (glycol or oxide) near (acrylate or methacrylate))	LICDATE.	2004/05/02 15 00
-	12	((((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or inorganic near oxide or calcium near	USPAT;	2004/05/03 15:00
		carbonate or (caco3) or lime or silica or silicon near dioxide or talc or	US-PGPUB;	
		titanium near dioxide) and paper same (coat\$3 or siz\$4)) and ((acrylic or	EPO; JPO; DERWENT	
		methacrylic) near acid same (\$4alkylene or \$4ethylene or \$4propylene or	DEKWENI	
		\$\$butylene) near (glycol or oxide) near (acrylate or methacrylate))) not		
1		((((acrylic or methacrylic) near acid same (\$4alkylene or \$4ethylene or		
		\$4propylene or \$\$butylene) near (glycol or oxide) near (acrylate or		
		methacrylate)) and (((dispersing or grinding or milling or crushing near		
		(aid or agent)) or dispersant) same (mineral or filler or inorganic near		
		oxide or calcium near carbonate or (caco3) or lime or silica or silica		
		near dioxide or talc or titanium near dioxide))) not coatex)		
_	23353	((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 15:16
		dispersant) and (mineral or filler or inorganic near oxide or calcium near	US-PGPUB;	
		carbonate or (caco3) or lime or silica or silicon near dioxide or talc or	EPO; JPO;	
		titanium near dioxide) and paper same (coat\$3 or siz\$4)	DERWENT	
-	465	(((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 15:11
		dispersant) and (mineral or filler or inorganic near oxide or calcium near	US-PGPUB;	
		carbonate or (caco3) or lime or silica or silicon near dioxide or talc or	EPO; JPO;	
		titanium near dioxide) and paper same (coat\$3 or siz\$4)) and ((acrylic or	DERWENT	
		methacrylic) near acid same (\$4alkylene or \$4ethylene or \$4propylene or		
		\$\$butylene) near (glycol or oxide) near (acrylate or methacrylate))		

	-	<u>,</u>		4
-	286	((((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) and (mineral or filler or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide or talc or titanium near dioxide) and paper same (coat\$3 or siz\$4)) and ((acrylic or methacrylic) near acid same (\$4alkylene or \$4ethylene or \$4propylene or \$\$butylene) near (glycol or oxide) near (acrylate or methacrylate))) not (((((acrylic or methacrylic) near acid same (\$4alkylene or \$4ethylene or \$4propylene or \$\$propylene or \$\$butylene) near (glycol or oxide) near (acrylate or methacrylate)) and (((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide or talc or titanium near dioxide))) not coatex) or ((((dispersing or grinding or milling or crushing near (aid or agent))) or dispersant) same (mineral or filler or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide or talc or titanium near dioxide) and paper same (coat\$3 or siz\$4)) and ((acrylic or methacrylic) near acid same (\$4alkylene or \$4ethylene or \$4propylene or \$\$butylene) near (glycol or oxide) near (acrylate or methacrylate)))) ((((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) and (mineral or filler or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide or talc or titanium near dioxide) and paper same (coat\$3 or siz\$4)) and ((acrylic or methacrylic) near acid same (\$4alkylene or \$4ethylene or \$4propylene or \$\$butylene) near (glycol or oxide) near (acrylate or methacrylate)) and (((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide or talc or titanium near dioxide or talc or titanium near dioxide or tal	USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/03 15:12
		acid same (\$4alkylene or \$4ethylene or \$4propylene or \$\$butylene) near (glycol or oxide) near (acrylate or methacrylate))))		
-	1557	((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide or talc or	USPAT; US-PGPUB; EPO; JPO;	2004/05/03 15:17
-	152	titanium near dioxide) same paper same (coat\$3 or siz\$4) ((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide or talc or titanium near dioxide) same aqueous near (suspension or dispersion)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/03 15:20
		same paper same (coat\$3 or siz\$4)		

dispersant) same (mineral or filler or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide or tale or titanium near dioxide) same aqueous near (suspension or dispersion) same paper same (coxi3 or six54) not ((((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) and (mineral or filler or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide or tale or titanium mear dioxide) and paper same (coxi3 or six54) and (((acrylic or methacrylic)) near acid same (S4dakylene or 54droylene or 54droylene) near (glycol or oxide) near (acrylate or methacrylate)) and (((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide) near (acrylate or methacrylate)) and (((dispersing or grinding or miling or crushing near (aid or agent)) or dispersant) same (mineral or filler or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide) and paper same (coxids or silcon) or dispersant) same (mineral or filler or pigment or inorganic near oxide or calcium near carbonate or (caco3) or lime or silica or silicon near dioxide) and paper same (coxid) or silicon or silicon near dioxide or talcor or titanium near dioxide) and paper same (coxid) or silicon near dioxide or methacrylate) or silicon near dioxide or silicon near carbonate or (caco3) or lime or silicon near dioxide or alcor or titanium near dioxide) and paper same (coxid) or silicon near dioxide or silicon near carbonate or (caco3) or lime or silicon near dioxide or talcor or titanium near dioxide) and paper same (coxid) or agent por silicon near dioxide or talcor or titanium near dioxide) and paper same (coxid3 or silicon near dioxide or talcor titanium near dioxide) or oxide) near (acrylate or methacrylate) near (acrylate or methacrylate) near (acrylate or methacrylate		152	(((dispersing or grinding or milling or crushing near (aid or agent)) or	USPAT;	2004/05/03 15:18
earbonate or (caoc3) or lime or sitica or silicon near dioxide or tale or titanium near dioxide) same aqueous near (suspension or dispersion) same paper same (coat\$3 or siz\$49) not ((((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) and (mineral or filler or inorganic near oxide or calcium near carbonate or (caoc3) or lime or silica or silicon near dioxide or tale or titanium near dioxide) and paper same (coat\$3 or siz\$49) and ((acrytic or methacrytic) enear acid same (\$4alkylene or \$4ethylene or \$4ethylene or \$5buylene) near (glycol or oxide) near (acrytate or methacrytale)) not ((((acrytic) or methacrytic)) near acid same (\$4alkylene or \$4ethylene or \$4ethyl	-	132	dispersing or grinding of filler or inorganic near oxide or calcium near		2004/05/05 15.10
titanium near dioxide) same aqueous near (auspension or dispersion) same paper same (coats3 or siz44) not ((((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) and (mineral or filler or inorganic near oxide or calcium near carbonate or (caco3) or time or silica or silicon near dioxide) or tale or titanium near dioxide) and paper same (coats3 or siz44) and (((acrylic or methacrylic) near acid same (S4daly, dene or S4dery)ene or S4brylene or S4deryplene or S4brylene or S4brylene or S4deryplene or S4brylene) near (glycol or oxide) near (acrylate or methacrylate))) or (((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or inorganic near oxide or calcium near acid oxide or talcor or titanium near dioxide) and a control oxide or talcor or titanium near dioxide) and a control oxide or talcor or titanium near dioxide) or time or silica or silicon near dioxide or talcor talcor titanium nea		ĺ	carbonate or (caco3) or lime or silica or silicon near dioxide or talc or		
milling or crushing near (aid or agent) on dispersany and (mineral or filter or inorganic near oxide or calcium near carbonate or (acco3) or time or silica or silicon near dioxide or the or titanium near dioxide) or dispersany dis			titanium near dioxide) same aqueous near (suspension or dispersion)		
milling or crushing near (aid or agent)) or dispersant) and (mineral or filler or inorganic near oxide or calcium near activation and cardiacy or interest or silica or silican near dioxide) or taken the cardiacy or silica or silican or silica		İ	same paper same (coat\$3 or siz\$4)) not ((((dispersing or grinding or		
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- 12 (((dispersing or grinding or milling or crushing near (aid or agent)) or dispersant) same (mineral or filler or inorganic near oxide or calcium near US-PGPUB;					
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dispersant) same (mineral or filler or inorganic near oxide or calcium near US-PGPUB;	-	12	(((dispersing or grinding or milling or crushing near (aid or agent)) or		2004/05/03 15:20
			dispersant) same (mineral or filler or inorganic near oxide or calcium near		
titanium near dioxide) same aqueous near (suspension or dispersion) DERWENT			carbonate or (caco3) or lime or silica or silicon near dioxide or talc or		
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Cement or concrete US-PGPUB; EPO; JPO; DERWENT US-PGPU		2.7	1 to the second of the second		2004/05/04 13:40
EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERW	-	37		1	2004/03/04 13:40
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EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO;	-	3/			200,4703/04 13.43
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1276 (cement or concrete) same dispers\$4 and \$4polymer same (acrylic or methacrylace or acrylate or methacrylate or acrylamide or methacrylamide or methacrylamide or malaete or fumarate maleic or fumaric) and sulfate US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPA			methacrylic) near acid and sulfate		
- 1276 (cement or concrete) same dispers\$4 and \$4polymer same (acrylic or methacrylaride or methacrylate or acrylamide or methacrylamide or methacrylamide or malaete or fumarate maleic or fumaric) and sulfate 1276 (cement or concrete) same dispers\$4 and \$4polymer same (acrylic or methacrylamide or methacrylamide or methacrylamide or methacrylamide or methacrylamide or methacrylamide or methacrylamide or methacrylamide or methacrylamide or methacrylamide or malaete or fumarate maleic or fumaric) same sulfate 12004/05/04 14:17 2004/05/04 14:17 2004/05/04 14:17 2004/05/04 14:17 2004/05/04 14:17 2004/05/04 14:17 2004/05/04 14:17 2004/05/04 14:17					
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or malaete or fumarate maleic or fumaric) and sulfate EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; DERWE	-	1276			2004/03/04 14.17
- 50 (cement or concrete) same dispers\$4 same \$4polymer same (acrylic or methacrylic or acrylate or methacrylate or acrylamide or methacrylamide or methacrylamide or malaete or fumarate maleic or fumaric) same sulfate - 0 allyloxypolyethyleneglycol near ammonium near sulfate DERWENT USPAT; 2004/05/04 14:16					
methacrylic or acrylate or methacrylate or acrylamide or methacrylamide or methacrylamide or malaete or fumarate maleic or fumaric) same sulfate US-PGPUB; EPO; JPO; DERWENT DERWENT USPAT; 2004/05/04 14:16			of manage of farinate material of farinary and saltate		
or malaete or fumarate maleic or fumaric) same sulfate EPO; JPO; DERWENT O allyloxypolyethyleneglycol near ammonium near sulfate USPAT; 2004/05/04 14:16	-	50			2004/05/04 14:14
DERWENT USPAT; 2004/05/04 14:16					
allyloxypolyethyleneglycol near ammonium near sulfate USPAT; 2004/05/04 14:16			or malaete or fumarate maleic or fumaric) same sulfate		
o any long por jear just mean an intermediate the			allulayumalyathulanagiyaal naar ammaniyin naar aylfata		2004/05/04 14-16
1 Unit the Unit 1	-	0	anyloxypolycinylenegiycol near ammonium near surfate	US-PGPUB;	2007/03/04 14.10
EPO; JPO;					
DERWENT					

· · · · · · · · · · · · · · · · · · ·		164	LICDAT	2004/05/04 14:15
-	0	allyloxypolyethylene near glycol near ammonium near sulfate	USPAT; US-PGPUB;	2004/05/04 14:15
			EPO; JPO;	
	-		DERWENT	
	0	allyloxypolyalkylene near glycol near ammonium near sulfate	USPAT;	2004/05/04 14:16
		any tony poly and years are a gey	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	0	allyloxypolypropylene near glycol near ammonium near sulfate	USPAT;	2004/05/04 14:16
			US-PGPUB;	•
			EPO; JPO;	
			DERWENT	
-	0	allyloxypolyalkyleneglycol near ammonium near sulfate	USPAT;	2004/05/04 14:16
	İ		US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	139	(cement or concrete) same dispers\$\$ same \$polymer same sulfate	USPAT;	2004/05/04 14:18
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	89	((cement or concrete) same dispers\$\$ same \$polymer same sulfate) not	USPAT;	2004/05/04 14:32
		((cement or concrete) same dispers\$4 same \$4polymer same (acrylic or	US-PGPUB;	
	ľ	methacrylic or acrylate or methacrylate or acrylamide or methacrylamide	EPO; JPO;	
		or malaete or fumarate maleic or fumaric) same sulfate)	DERWENT	2004/05/04 14 22
-	257568	cement or (hydraulic near binder) nera dispersant	USPAT;	2004/05/04 14:32
			US-PGPUB;	
			EPO; JPO;	
		(1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	DERWENT	2004/05/04 14:22
•	1113013	cement or (hydraulic near binder) nera dispers\$4	USPAT;	2004/05/04 14:32
			US-PGPUB;	
			EPO; JPO; DERWENT	
	2012	(cement or (hydraulic near binder)) near dispers\$4	USPAT;	2004/05/04 14:33
-	2012	(certient of (nydraune near bilider)) hear dispers\$4	US-PGPUB;	2004/03/04 14.33
			EPO; JPO;	
			DERWENT	
	802	(cement or (hydraulic near binder)) near dispersant	USPAT;	2004/05/04 14:33
	002	(completed (hydrauno near officer)) from dispersant	US-PGPUB;	
	:		EPO; JPO;	
			DERWENT	
	45	(cement or (hydraulic near binder)) near dispersant same ((sulfonate or	USPAT;	2004/05/04 14:34
		sulfate or sulfonic) and (acrylic or methacrylic or acrylate or	US-PGPUB;	
		methacrylate))	EPO; JPO;	
			DERWENT	
-	20	(cement or (hydraulic near binder)) near dispersant same ((sulfonate or	USPAT;	2004/05/04 14:42
		sulfate) and (acrylic or methacrylic or acrylate or methacrylate))	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	0	(cement or (hydraulic near binder)) near dispersant same ((sulfate near3	USPAT;	2004/05/04 14:43
		allyl) and (acrylic or methacrylic or acrylate or methacrylate))	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	0	(cement or (hydraulic near binder)) near dispersant same (((sulfate or	USPAT;	2004/05/04 14:43
		sulfato) near3 allyl) and (acrylic or methacrylic or acrylate or	US-PGPUB;	
		methacrylate))	EPO; JPO;	
			DERWENT	2004/27/2
-	0	(cement or (hydraulic near binder)) near dispersant same ((sulfate or	USPAT;	2004/05/04 14:45
		sulfato) near3 (allyl or acryl or acrylic or methacrylic or acrylate or	US-PGPUB;	
		methacrylate))	EPO; JPO;	
			DERWENT	
-	23	(cement or (hydraulic near binder)) near dispersant same sulfate	USPAT;	2004/05/04 14:54
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	

-	23	(cement or (hydraulic near binder)) near dispersant same (sulfate or	USPAT;	2004/05/04 14:55
·		sulfoxy or sulfooxy)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	23	(cement or (hydraulic near binder)) near dispersant same (sulfate or	USPAT;	2004/05/04 14:56
		sulfato or sulfoxy or sulfoxy)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	23	(cement or (hydraulic near binder)) near dispersant same (sulfate or	USPAT;	2004/05/04 14:59
		(polyethylene near glycol or polyalkylene near glycol) near sulfonic)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	27	US-4457762-\$.DID. OR US-4457874-\$.DID. OR US-4479826-\$.DID.	USPAT;	2004/05/04 14:59
		OR US-4674574-\$.DID. OR US-4711731-\$.DID. OR	US-PGPUB;	
		US-4741843-\$.DID. OR US-4744795-\$.DID. OR US-4814389-\$.DID.	EPO; JPO;	
		OR US-5158612-\$.DID. OR US-5714001-\$.DID. OR	DERWENT	
		US-5753744-\$.DID. OR US-5798425-\$.DID. OR US-6174980-\$.DID.		
		OR US-6239241-\$.DID.		
-	15		USPAT;	2004/05/04 15:00
		OR US-4674574-\$.DID. OR US-4711731-\$.DID. OR	US-PGPUB;	
		US-4741843-\$.DID. OR US-4744795-\$.DID. OR US-4814389-\$.DID.	EPO; JPO;	
		OR US-5158612-\$.DID. OR US-5714001-\$.DID. OR	DERWENT	
		US-5753744-\$.DID. OR US-5798425-\$.DID. OR US-6174980-\$.DID.		
		OR US-6239241-\$.DID.) and (sulfafe or sulfonic)		
-	16		USPAT;	2004/05/04 15:04
		OR US-4674574-\$.DID. OR US-4711731-\$.DID. OR	US-PGPUB;	
		US-4741843-\$.DID. OR US-4744795-\$.DID. OR US-4814389-\$.DID.	EPO; JPO;	
		OR US-5158612-\$.DID. OR US-5714001-\$.DID. OR	DERWENT	
		US-5753744-\$.DID. OR US-5798425-\$.DID. OR US-6174980-\$.DID.		•
		OR US-6239241-\$.DID.) and (sulfafe or sulfonic or sulfonate)		2004/05/04 15 05
-	11	US-6264739-\$.DID. OR US-6451881-\$.DID. OR US-6454850-\$.DID.	USPAT;	2004/05/04 15:05
		OR US-6462014-\$.DID. OR US-6486260-\$.DID. OR	US-PGPUB;	
		US-6176921-\$.DID. and (sulfafe or sulfonic or sulfonate)	EPO; JPO;	
			DERWENT	
-	7	(US-6264739-\$.DID. OR US-6451881-\$.DID. OR US-6454850-\$.DID.	USPAT;	2004/05/04 15:07
		OR US-6462014-\$.DID. OR US-6486260-\$.DID. OR	US-PGPUB;	
		US-6176921-\$.DID.) and (sulfafe or sulfonic or sulfonate)	EPO; JPO;	
1			DERWENT	